AMENDMENTS TO THE CLAIMS

In accordance with 37 C.F.R. §1.121(c), please amend the claims as indicated in marked-up form below, where additions are underlined, deletions are struck through, and new claims are presented without markings.

1. (Currently Amended) A carousel capable of use with a machine enabling a digital transmission of information, the carousel comprising:

a plurality of modules, each of the plurality of modules comprising one of a data module and an object module;

wherein each of the modules is represented in the carousel by a number of instances that is proportional to the module's priority relative to all other modules in the carousel and no module of the plurality of modules has successive instances positioned directly adjacent to one another in the carousel, and wherein the instances of each module are distributed approximately uniformly across the carousel and across two or more periods of the ~~carousel.~~ carousel; and

wherein no module of the plurality of modules has successive instances positioned directly adjacent to one another across two periods of the carousel.

2. (Canceled)

3. (Previously Presented) The carousel of claim 1, wherein at least one module of the plurality of modules includes module content, the module content representing information selected from a group consisting of television program guide information,

advertising information, product information, emergency information, weather information, and news information.

4-6. (Canceled)

7. (Currently Amended) A machine enabling a digital transmission of information, the transmission comprising:

a transport stream; and

a carousel encapsulated in the transport stream, the carousel having a plurality of modules, each of the plurality of modules comprising one of a data module and an object module;

wherein each of the modules is represented in the carousel by a number of instances that is proportional to the module's priority relative to all other modules in the carousel and no module of the plurality of modules has successive instances positioned directly adjacent to one another in the carousel, and wherein the instances of each module are distributed approximately uniformly across the carousel and across two or more periods of the ~~carousel.~~ carousel; and wherein no module of the plurality of modules has successive instances positioned directly adjacent to one another across two periods of the carousel.

8. (Original) The transmission of claim 7, the transport stream comprising an MPEG-2 transport stream.

9. (Original) The transmission of claim 7, the transport stream comprising at least a portion of a digital television broadcast signal.

10. (Previously Presented) The transmission of claim 7, wherein no module of the plurality of modules has successive instances positioned directly adjacent to one another across two periods of the carousel.

11-14. (Canceled)

15. (Currently Amended) A method comprising:

using a digital transmission machine to encapsulate ~~encapsulating~~ into a transport stream a carousel having a plurality of modules, each of the plurality of modules comprising one of a data module and an object module;

wherein each of the modules is represented in the carousel by a number of instances that is proportional to the module's priority relative to all other modules in the carousel and no module of the plurality of modules has successive instances positioned directly adjacent to one another in the carousel, and wherein the instances of each module are distributed approximately uniformly across the carousel and across two or more periods of the ~~carousel.~~ carousel; and wherein no module of the plurality of modules has successive instances positioned directly adjacent to one another across two periods of the carousel.

16. (Original) The method of claim 15, further comprising transmitting the transport stream and the encapsulated carousel to a receiver.

17. (Original) The method of claim 15, further comprising periodically encapsulating the carousel into the transport stream.

18. (Original) The method of claim 15, the transport stream comprising an MPEG-2 transport stream.

19. (Original) The method of claim 15, the transport stream comprising at least a portion of a digital television broadcast signal.

20. (Currently Amended) A method comprising:

using a digital transmission machine to receive ~~receiving~~ a transport stream having an encapsulated carousel, the carousel having a plurality of modules, each of the plurality of modules comprising one of a data module and an object module;

wherein each of the modules is represented in the carousel by a number of instances that is proportional to the module's priority relative to all other modules in the carousel and no module of the plurality of modules has successive instances positioned directly adjacent to one another in the carousel, and wherein the instances of each module are distributed approximately uniformly across the carousel and across two or more periods of the carousel; ~~and~~

wherein no module of the plurality of modules has successive instances positioned directly adjacent to one another across two periods of the carousel; and extracting an instance of at least one module from the transport stream.

21. (Original) The method of claim 20, the transport stream comprising an MPEG-2 transport stream.

22. (Original) The method of claim 20, the transport stream comprising at least a portion of a digital television broadcast signal.

23. (Currently Amended) An article of manufacture comprising:

a computer readable medium encoded with computer executable instructions capable of being executed by a machine ~~a machine accessible medium, the machine accessible medium providing instructions~~ that, when executed ~~by a~~ by the machine, cause the machine ~~to~~ to:

encapsulate into a transport stream a carousel having a plurality of modules, each of the plurality of modules comprising one of a data module and an object module;

wherein each of the modules is represented in the carousel by a number of instances that is proportional to the module's priority relative to all other modules in the carousel and no module of the plurality of modules has successive instances positioned directly adjacent to one another in the carousel, and wherein the instances of each module are distributed approximately uniformly across the carousel and across two or more periods of the ~~carousel.~~ carousel; and wherein no module of the plurality of modules has

successive instances positioned directly adjacent to one another across two periods of the carousel.

24. (Original) The article of manufacture of claim 23, wherein the instructions, when executed, further cause the machine to transmit the transport stream and the encapsulated carousel to a receiver.

25. (Original) The article of manufacture of claim 23, wherein the instructions, when executed, further cause the machine to periodically encapsulate the carousel into the transport stream.

26. (Original) The article of manufacture of claim 23, the transport stream comprising an MPEG-2 transport stream.

27. (Original) The article of manufacture of claim 23, the transport stream comprising at least a portion of a digital television broadcast signal.

28. (Currently Amended) An article of manufacture comprising:

a computer readable medium encoded with computer executable instructions capable of being executed by a machine ~~a machine accessible medium, the machine accessible medium providing instructions~~ that, when executed ~~by a~~ by the machine, cause the machine ~~to~~ to:

receive a transport stream having an encapsulated carousel, the carousel having a plurality of modules, each of the plurality of modules comprising one of a data module and an object module;

wherein each of the modules is represented in the carousel by a number of instances that is proportional to the module's priority relative to all other modules in the carousel and no module of the plurality of modules has successive instances positioned directly adjacent to one another in the carousel, and wherein the instances of each module are distributed approximately uniformly across the carousel and across two or more periods of the carousel; ~~and~~

wherein no module of the plurality of modules has successive instances positioned directly adjacent to one another across two periods of the carousel; and

extracting an instance of at least one module from the transport stream.

29. (Original) The article of manufacture of claim 28, the transport stream comprising an MPEG-2 transport stream.

30. (Original) The article of manufacture of claim 28, the transport stream comprising at least a portion of a digital television broadcast signal.